herewith (or previously mailed), a Notice of Allowance (PTCL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiati of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to the election filed on August 19, 2004.  2. ☑ The allowed claim(s) is/are 1-15.  3. ☑ The drawings filed on 15 September 2003 are accepted by the Examiner.  4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  **Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No /Mail Date (				- 11 /1 / /
Reaminer   Art Unit   Wrilliam E. Tapoloai   3744		Application No.	Applicant(s)	700
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowane (PTOL-85) or other appropriate communication will be mailed in de course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the Initiat of the Office or upon petition by the applicant. See 37 CFR 1.313 and MFPE 1303.  1. ☑ This communication is responsive to the election filed on August 19. 2004.  2. ☑ The allowed claim(s) is/are 1.15.  3. ☑ The drawings filed on 15 September 2003 are accepted by the Examiner.  4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All □ b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have been received in Application No. ☐ .  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  * Certified copies not received: ☐ Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements received below. Failure to timely comply wall result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. Note the attached Examiner in the Office action of Paper No./Mail Date ☐ .  (b) ☐ including changes required by the Altiched Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ☐ .  (c) ☐ Interview Summary (PTO-413), Paper No./Mail Date ☐ .  (d) ☐ Interview Summary (PTO-413), Paper No.	A	10/661,601	ROH ET AL.	•
The MAILING DATE of this communication appears on the cover sheet with the correspondence address-Allcaims being allowable, PROSECUTION ON THE MERTIS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowane (PTOL-95) or other appropriate communication will be mailed in de course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the Initiation of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1302.  1. A This communication is responsive to the election filed on August 19, 2004.  2. The allowed claim(s) is/are 1-15.  3. The drawings filed on 15 September 2003 are accepted by the Examiner.  4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some c) None of the:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Eureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE 'MAILING DATE' of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PCT-152) which gives reason(s) why the oath or declaration is deficient.  (a) including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1) hereto or 2) by Paper No./Mail Date control of Paper No./Mail D	Notice of Allowability	Examiner	Art Unit	
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herevith (or previously malled), a Notice of Nowance (PTOL-95) or other appropriate communication will be malled in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiation of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. All This communication is responsive to the election filed on August 19, 2004.  2. The allowed claim(s) is/are 1-15.  3. The drawings filed on 15 September 2003 are accepted by the Examiner.  4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some* o) None of the:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDOMMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1) hereto or 2) to Paper No./Mail Date  1) hereto or 2) to Paper No./Mail Date  2) here of Draftsperson's Patent Drawing Review ( PTO-948) attached Examiner's Amendment / Comment on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  Attachment(s)  1.		William E. Tapolcai	3744	
2. ☑ The allowed claim(s) is/are 1_15.  3. ☑ The drawings filed on 15. September 2003 are accepted by the Examiner.  4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE *MAILING DATE* of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No./Mail Date  (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding Requirement for Deposit of BIOLOGICAL MATERIAL.  Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of References Cited (PTO-892)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/	All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT I	S (OR REMAINS) CLOSED in this a 5) or other appropriate communication RIGHTS. This application is subject	pplication. If not incl on will be mailed in d	luded lue course. THIS
3. ☑ The drawings filed on 15 September 2003 are accepted by the Examiner. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1) ☐ Including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (b) ☐ Including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  (c) ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's Comment regarding Requirement for The DEPOSIT OF BIOLOGICAL MATERIAL  **Attachment(s)** 1. ☑ Notice of Informal Patent Application (PTO-152) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 7. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material  **William E. Tapolca	1. $igspace$ This communication is responsive to <u>the election filed on</u>	August 19, 2004.		
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some* c) None of the:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTH'S FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  (a) including changes required by the Notice of Orristperson's Patent Drawing Review (PTO-948) attached  1) hereto or 2) to Paper No/Mail Date  (b) including changes required by the Notice of Orristperson's Patent Drawing Review (PTO-948) attached  1) hereto or 3) to Paper No/Mail Date  (b) including changes required by the Attached Examiner's Amendment / Comment or in the Office action of Paper No/Mail Date  (c) including changes required by the Attached Examiner's Amendment / Comment or in the Office action of Paper No/Mail Date  (dentifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Oraftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No/Mail Date  3. Notice of References Cited (PTO-892)  4. Notice of References Cited (PTO-892)  5. Notice of Information Disclosure Statemen	2. ☑ The allowed claim(s) is/are <u>1-15</u> .			
a)	3. $igotimes$ The drawings filed on <u>15 September 2003</u> are accepted $igotimes$	by the Examiner.		
noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No./Mail Date  (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  Paper No./Mail Date  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material  9. ☐ Other  William E. Tapolcai Primary Examiner	<ul> <li>a) All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents had 2. Certified copies of the priority documents had 3. Copies of the certified copies of the priority of International Bureau (PCT Rule 17.2(a)).</li> </ul>	ve been received. ve been received in Application No.		lication from the
INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  6.	noted below. Failure to timely comply will result in ABANDON		y complying with the	requirements
(a)   including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1)   hereto or 2)   to Paper No./Mail Date  (b)   including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).  7.   DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1.   Notice of References Cited (PTO-892)  2.   Notice of Draftperson's Patent Drawing Review (PTO-948)  3.   Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  3.   Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date  4.   Examiner's Comment Regarding Requirement for Deposit  6.   Interview Summary (PTO-413), Paper No./Mail Date  7.   Examiner's Amendment/Comment  Paper No./Mail Date  8.   Examiner's Statement of Reasons for Allowance of Biological Material  9.   Other  William E. Tapolcai Primary Examiner				or NOTICE OF
<ol> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statements (PTO-1449 or PTO/SB/08),         Paper No./Mail Date</li> <li>Examiner's Comment Regarding Requirement for Deposit         of Biological Material</li> <li>Motice of Informal Patent Application (PTO-152)</li> <li>Interview Summary (PTO-413),         Paper No./Mail Date</li> <li>Examiner's Amendment/Comment</li> <li>Examiner's Statement of Reasons for Allowance</li> <li>Other</li> <li>William E. Tapolcai         Primary Examiner</li> </ol>	(a) ☐ including changes required by the Notice of Draftsper 1) ☐ hereto or 2) ☐ to Paper No./Mail Date  (b) ☐ including changes required by the attached Examine Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in 7. ☐ DEPOSIT OF and/or INFORMATION about the dep	erson's Patent Drawing Review (PTC  er's Amendment / Comment or in the  1.84(c)) should be written on the draw the header according to 37 CFR 1.12-	Office action of vings in the front (not I(d).	,
	<ol> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statements (PTO-1449 or PTO/SE Paper No./Mail Date</li></ol>	6. Interview Summar Paper No./Mail D 8/08), 7. Examiner's Amend t 8. Examiner's Staten	y (PTO-413), ate dment/Comment nent of Reasons for William E. Tapo Primary Examin	Allowance olcai

1. The following is an examiner's statement of reasons for allowance: the claims are allowable because the prior art of record fails to disclose or teach the recited pipeline connected to the interior of a freezer compartment of a refrigerator and contacting a lower surface of the heat sink plate of a main board to which a chip set is mounted.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William E. Tapolcai whose telephone number is (703) 308-2640. The examiner can normally be reached on Mon. - Thurs., 6:30 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Denise L. Esquivel can be reached on (703) 308-2597. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Page 3

William E. Tapolcai Primary Examiner Art Unit 3744

wet September 7, 2004